

Mechanisms of Ageing and Development 117 (2000) 123-124

mechanisms of ageing and development

www.elsevier.com/locate/mechagedev

Contents of volume 117

Volume 117 Nos. 1–3	August	15 2000
Reviews		
Somatic cell mutations: can they provide a link between aging and M.S. Turker (Portland, OR)		1
Paradigms in aging research: a critical review and assessment		
H. Gershon, D. Gershon (Haifa, Israel)		21
Regular articles		
Immune response to influenza vaccine in healthy elderly: lack of a tion with plasma β -carotene, retinol, α -tocopherol, or zinc	ssocia-	
E.M. Gardner, E.D. Bernstein, K.A. Popoff, E. Abrutyn, P.	Gross,	
D.M. Murasko (Philadelphia, PA; Hackensack, NJ)		29
Cancer incidence in old age		
O. Miyaishi, F. Ando, K. Matsuzawa, R. Kanawa, Ki.		
(Morioka, Japan)	tion of	47
T. Ogawa, M. Kitagawa, K. Hirokawa (Tokyo, Japan)		57
Effects of ageing on proliferative ability, and the expressions of se		
protein, acidic and rich in cysteine (SPARC) and osteoproteger teoclastogenesis inhibitory factor) in cultures of human perio		
ligament cells	dontai	
H. Shiba, K. Nakanishi, M. Sakata, T. Fujita, Y. Uchida, H. Ku	ırihara	
(Hiroshima, Japan)		69
Different age-related effects of thymectomy in myasthenia gravis:		
thymoma, zinc, thymulin, IL-2 and IL-6		
E. Mocchegiani, R. Giacconi, M. Muzzioli, N. Gasparini, L. Prov		
L. Spazzafumo, F. Licastro (Ancona, Bologna, Italy)		79
On the nature of aging		0.2
I. Semsei (Debrecen, Hungary)		93

Short communication	
Concentrations of insulin-like growth factor (IGF)-I, -II, and IGF binding protein-4, and -5 in human bone cell conditioned medium do not change with age	
J. Pfeilschifter, I. Diel, T. Klöppinger, H. Bismar, E.M. Schuster, S. Balbach, R. Ziegler, D. Baylink, S. Mohan (Bochum, Heidelberg, Heidelberg, Germany; California)	10
Author index	119
Subject index	12
Volume contents	12

